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SKJERVEN, MORRILL, MacPHERSON, FRANKLIN & FRIEL LLP



25 METRO DRIVE, SUITE 700  
San Jose, California 95110  
(408) 453-9200

FACSIMILE: (408) 453-7979

April 22, 1999

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Re: Applicants: Park, Young-woo; Noh, Jun-yong; Koo, Bon-young; Kang, Chang-jin;  
Jung, Chul; Nam, Seok-woo  
Assignee: Samsung Electronics Co., Ltd.  
Title: Semiconductor Memory Device And Method Of Manufacturing For  
Preventing Bit Line Oxidation  
Serial No.: 09/008,525 Filed: January 16, 1998  
Examiner: Not Assigned Group Art Unit: 0000  
Docket No.: AB-778 US

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Request for Withdrawal Of Holding Of Abandonment (2 pages);
- (2) Return Postcard;
- (3) this transmittal sheet (in duplicate);
- (4) Copy of Notice of Abandonment (1 page); and
- (5) Copy of Reponse to Missing Parts (7 pages plus copy of return postcard).

- ☒ No additional fee is required.
- ☒ Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- ☒ Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231, on April 22, 1999.

*David T. Millers*

Attorney for Applicant(s)

*4-22-99*

Date of Signature

Respectfully submitted,

*David T. Millers*

David T. Millers  
Attorney for Applicant(s)  
Reg. No. 37,396

RECEIVED

JUL 24 2001

OFFICE OF PETITIONS



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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09/008,525 01/16/98 PARK Y 1834-1

0212/0326

SAMSUNG ELECTRONICS CO  
1200 NEW HAMPSHIRE AVENUE N W  
SUITE 550  
WASHINGTON DC 20036

NOT ASSIGNED

0000

DATE MAILED:

03/26/99

**NOTICE OF ABANDONMENT UNDER 37 CFR 1.53(f) or (g)**  
**(Filing Date Granted)**

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on April 15, 1998

- ☒ No reply was received.
- ☐ The reply received on \_\_\_\_\_ was untimely.
- ☐ The reply received on \_\_\_\_\_ was improper. The reply did not include:
- ☐ 1. The surcharge under 37 CFR 1.16(e) required for filing the basic filing fee or oath or declaration on a date later than the filing date of a nonprovisional application.
  - ☐ 2. The surcharge under 37 CFR 1.16(i) required for filing the basic filing fee or cover sheet on a date later than the filing date of a provisional application.
  - ☐ 3. The full amount of the basic filing fee under 37 CFR 1.16 (a), (f), (g), (k).  
(Note: A nonprovisional application may not be relied on for benefits under 35 U.S.C. 120 and 37 CFR 1.78 unless the processing and retention fee set forth in 37 CFR 1.21(l) is paid within the one year period set forth in 37 CFR 1.53(f). A provisional application may not be relied on for benefits under 35 U.S.C. 119(e) and 37 CFR 1.78 unless the basic filing fee is paid).
  - ☐ 4. The oath or declaration of all the inventors required under 37 CFR 1.63 for this nonprovisional application.
- ☐ The letter of Express Abandonment filed on \_\_\_\_\_ is acknowledged; however, the application is abandoned for failure to timely or properly reply to the Notice as indicated above.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(c).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(c).

Any questions concerning petitions to revive should be directed to "Office of Petitions" at (703) 305-9282.

C. Barnes  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

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JUL 24 2001

OFFICE OF PETITIONS

DTM  
APN Dead on  
Status on  
IDS on  
80

4/26/99  
1/16/00  
4/16/98  
4/15/99

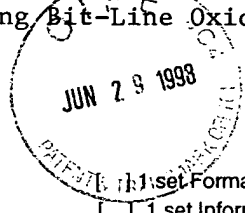


**PTO RECEIPT FOR INDICATED ITEMS**

Appln. No: 09 / 008.525  
Inventor(s) PARK, Young-woo, et al.  
Title: Method for Manufacturing Semiconductor  
Memory Devices For Preventing Bit-Line Oxidation  
The following is/are enclosed:

Atty WLG  
Date 6-29-98  
Ref. No.: 1834-1

- ☐ Amendment
- # 1 No. of Pages Abstract
- # 1 No. of Pages Spec and Claims
- # 1 No. of numbered Claims only
- # 1 No. Sheets per set Drawings;
- # 1 Declaration
- # 1 Assignment
- # 1 No. of Priority Documents



☐ IDS including PTO-1449 ☐ cited docs.

1 Issue Fee Transmittal Form PTOL-85(b)  
\$ 280 Fee Charge To Deposit Account # 19-0124  
Other: Notice to File Missing Parts of Application

CURRENT DUE DATE: 6/15/98

**RECEIVED**  
**JUL 24 2001**  
**OFFICE OF PETITIONS**



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/008,525	01/16/98	PARK	Y 1834-1

0362/0415

SAMSUNG ELECTRONICS CO  
1200 NEW HAMPSHIRE AVENUE N W  
SUITE 550  
WASHINGTON DC 20036

NOT ASSIGNED

2811

DATE MAILED:

04/15/98

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the **SURCHARGE** set forth in 37 CFR 1.16(e) of ☐ \$65.00 for a small entity in compliance with 37 CFR 1.27, or ☒ \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 130.00.

- ☐ 1. The statutory basic filing fee is:
- ☐ missing.
  - ☐ insufficient.
- Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- ☐ 2. Additional claim fees of \$ \_\_\_\_\_, including any multiple dependent claim fees, are required.
- \$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.
- \$ \_\_\_\_\_ for \_\_\_\_\_ dependent claims over 20.
- \$ \_\_\_\_\_ for multiple dependent claim surcharge.
- Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.
- ☐ 3. The oath or declaration:
- ☐ is missing or unexecuted.
  - ☐ does not cover the newly submitted items.
  - ☐ does not identify the application to which it applies.
  - ☒ does not include the city and state or foreign country of applicant's residence.
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.
- ☒ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.
- A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- ☒ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
- ☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
- ☐ 8. The application does not comply with the Sequence Rules.  
See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."
- ☐ 9. OTHER: \_\_\_\_\_

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

A copy of this notice **MUST** be returned with the reply **RECEIVED**

JUL 24 2001

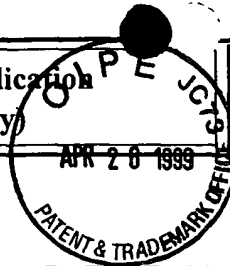
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PART 1 - ATTORNEY/APPLICANT COPY

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
1834-1

In Re Application Of: **PARK, Young-woo, et al.**



Serial No.

9008525

Filing Date

1/16/98

Examiner

Not Assigned

Group Art Unit

2811

Invention: **Method For Manufacturing Semiconductor Memory Device For Preventing Bit Line Oxidation**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
04/15/1998  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ Other (list):

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**JUL 24 2001**  
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**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.  
1834-1

In Re Application Of: **PARK, Young-woo, et al.**

Serial No.  
9008525

Filing Date  
1/16/98

Examiner  
Not Assigned

Group Art Unit  
2811,

Invention: **Method For Manufacturing Semiconductor Memory Device For Preventing Bit Line Oxidation**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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**JUL 2 4 2001**

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☒ Completion of application fees as calculated below:

☐ Utility application filing fee

☐ Design application filing fee

☐ Total number of independent claims = \_\_\_\_\_

☐ Total number of claims = \_\_\_\_\_

☐ Multiple dependent claims

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

☐ Petition and fee for filing by other than all the inventors or a person not the invention

☐ Fee for processing an application filed with a non-English language specification

☐ Fee for processing and retention of application

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☒ One month ☐ Two months ☐ Three months ☐ Four months

from: June 15, 1998  
Date

until: June 29, 1998  
Date

Total time extension fees **\$110.00**

Total fees due **\$240.00**

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.  
1834-1

In Re Application Of: **PARK, Young-woo, et al.**

Serial No.  
9008525

Filing Date  
1/16/98

Examiner  
Not Assigned

Group Art Unit  
2811

Invention: **Method For Manufacturing Semiconductor Memory Device For Preventing Bit Line Oxidation**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of **\$240** is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **19-0124**  
A duplicate copy of this sheet is enclosed.
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **19-0124**  
A duplicate copy of this sheet is enclosed.

  
Signature

Dated: **June 29, 1998**

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**JUL 2 4 2001**

**OFFICE OF PETITIONS**

**William L. Geary, Jr.**  
Reg. No. 35,879  
Samsung Electronics  
1200 New Hampshire Avenue, N.W.  
Suite 550  
Washington, DC 20036

(202) 887-5666

cc:

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*